

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

SUBJECT: Lithium Reanalysis – HW12 18 July 2012
Dimock, PA

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Samples initially collected from residential wells in Dimock during Weeks 1 through 4 were recently reanalyzed to achieve lower detection limits for lithium. Findings for HW12 are presented below.

Lithium

Lithium was reported in HW12 at respective concentrations of 36.1 and 36.8 ug/L in unfiltered and filtered samples collected from the wellhead. These concentrations slightly exceed lithium's risk-based screening level of 31 ug/L; long-term exposure to the maximum wellhead concentration of lithium (36.8 ug/L) would generate a Hazard Quotient of 1.2. Under acute exposure conditions, ATSDR has suggested a screening concentration of 1500 ug/L for lithium in drinking water.



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